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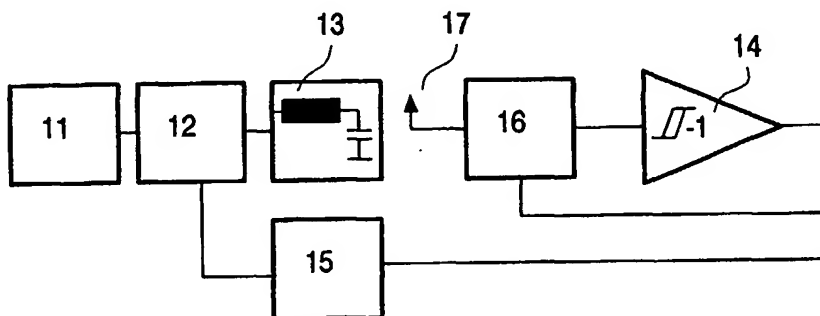
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(54) Title: CIRCUIT AND METHOD OF IGNITING A HIGH-PRESSURE LAMP



(57) Abstract: The invention relates to an electronic circuit for igniting a high-pressure lamp. A resonant circuit 13 of the circuit is used to supply the ignition voltage for the high-pressure lamp. To enable an exact adjustment of the resonance frequency in the resonant circuit, it is proposed that the circuit also comprises converter 12 for generating an alternating voltage with which the resonant circuit 13 is excited and an oscillator 14, 16, 17 for driving the converter 12, the fundamental frequency of the output voltage of the oscillator being at least in proximity to an integral fraction of the resonance frequency of the resonant circuit 13. Finally, it is proposed that the circuit includes a feedback 17 from the resonant circuit 13 to the oscillator 14, 16, 17, whereby the fundamental frequency of the output voltage of the oscillator is so tuned that the resulting frequency of the output voltage of the oscillator corresponds substantially exactly to the integral fraction of the resonance frequency. The invention also relates to a corresponding lighting installation and a corresponding method.

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